

MEDICAL REPORT

OF THE

ROYAL LUNATIC ASYLUM

OF ABERDEEN,

FOR THE YEAR ENDING 31st DECEMBER,


1872.

Aberdeen:

PRINTED BY DAVIDSON & SMITH,

15 SAINT NICHOLAS STREET.

1873.



Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

<https://archive.org/details/b30314975>

Committee of Management for 1873.

PROVOST LESLIE, *President.*

Baillie FRASER.
Baillie HUGH ROSS.
Mr. GEORGE JAMIESON.
Dr. JAMES MARSHALL.

Mr. JOHN SANGSTER.
Mr. WILLIAM SHIRRES.
Baillie DANIEL.
Mr. ROBERT CATTO.

Baillie URQUHART.
Mr. D. R. MORICE.
Dr. WILLIAM FRASER.
Rev. HENRY COWAN. B.D.

Rev. Dr. PIRIE.
Mr. GEORGE ROBB.
Mr. WILLIAM ROSS.
Mr. DAVID MITCHELL.

Managers ex-Officiis.

WILLIAM LESLIE, LORD PROVOST, *President.*

Baillies	{ ROBERT URQUHART. JOHN FRASER. WILLIAM DANIEL. HUGH ROSS.
Dean of Guild	LEWIS SMITH.
Treasurer	PATRICK COOPER.
Master of Mortifications	GEORGE HUTCHISON.
Immediately Preceding Provost	ALEXANDER NICOL.
Town Clerk	JOHN ANGUS.
Convener of Trades	DANIEL LAIRD.
Professor of Medicine in the Abdn. University	JOHN MACROBIN, M.D.
Professor of Chemistry, do.	JAMES S. BRAZIER.
Moderator of the Synod of Aberdeen	Rev. WILLIAM SKINNER.
Member of Parliament for the City	JOHN FARLEY LEITH.
Member of Parliament for the County	WILLIAM DINGWALL FORDYCE.
President of the Medico-Chirurgical Society	WILLIAM PIRRIE.
Trustees of John Burnett of Dens	{ JOHN WEBSTER, Advocate. Four Vacant.
Trustees of Dr. { Principal of Abdn. University	Rev. PETER C. CAMPBELL, D.D.
James Dun { Professor of Divinity	Rev. W. R. PIRIE, D.D.
{ Eldest Minister of Aberdeen	Rev. JOHN WILSON.
{ Rector of Grammar School	ALEXANDER MARTIN.

Managers for Life.

William Henderson, M.D.	1816	James Forbes	1839
Alexander Gibbon	1834	Charles Winchester	"
Patrick Pirie Gordon	1835	James Brebner	1840
Alexander Johnston	1838	Frederick Holland	"
William Irvine	"	John Blaikie	1841
John Webster	"	Henry L. Holland	"
Alexander Harvey, M.D.	"	Newell Burnett	"
Robert Smith	"	Alexander Innes	1843

Managers for Life,—Continued.

D. R. Morice	1845	James Shepherd	1867
Francis Edmond	"	John Duguid Milne	1868
Rev. W. R. Pirie, D.D.	1848	James Paull	"
William Yeats	1849	Robert Polson, M.D.	"
Arthur Anderson M.D.	"	Robert Ligertwood	"
J. Cruickshank, LL.D.	1850	James Collie	"
Patrick Davidson	"	Alexander Yeats	"
William Ross	1852	John Gray	1869
James Bryce	1853	William Maitland	"
Alexander B. Whyte	"	James Maitland	"
Alexander Davidson	"	George C. Leslie	"
Michie F. Anderson	1854	David Mitchell	"
Rev. John Davidson	"	John Sangster	"
Andrew Robertson, M.D.	"	James Jamieson	"
Thomas Innes	1856	David Carter Fraser	"
Alexander Martin, M.D.	1857	Charles Chalmers	"
Rev. Dean Wilson	"	James Adamson	"
Alexander Flockhart	1858	Patrick H. Chalmers	"
Robert Moir	"	William Lunan	1870
John Catto	"	George Wallace	"
George Walker	1859	John Duncan, Jun.	"
Rev. James C. Easton	"	Robert Urquhart	"
John Ligertwood	"	John Innes Harper	"
James Chalmers	"	John Watt, Sen.	"
John G. Chalmers	"	Alexander J. Kinloch	"
Thomas Skene	1860	A. Gordon Pirie	"
Marianus Massie	"	T. S. Sinclair Spark	1871
William Fraser	"	James Byres	"
John Sutherland	"	John Morison	"
John Leslie	1861	Professor W. Pirrie	"
James Fraser	1862	J. Sharp Henderson	"
R. S. Kynoch Shand	"	George Collie	"
William J. Lumsden	"	J. T. Mackenzie	"
Alexander Pirie	"	James Will, M.D.	"
John Stewart	"	James Nisbet	"
John Fraser	"	Alexander Robertson	"
Hardy Robinson	1863	Alexander Henderson	"
John Smith	"	George Anderson	"
Robert Fletcher	"	Rev. John Robb	"
William Alexander	"	D. A. Leslie, M.D.	"
William Duthie	1864	George Allan	1872
Dr. George Will	"	Alexander Cook	"
William Garden, M.D.	1865	William J. Routledge	"
James Henderson	"	James Milne	"
John Marr	"	John Milne	"
George Robb	"	James Black	"
Rev. John Middleton	"	Lieut.-Col. Black	"
George Jamieson	1866	Alexander Black	"
William Shirres	"	William Pirrie, M.D.	"
William Leslie	"	William H. Strange, M. D.	"
J. G. Moir Byres	"	Alexander Davidson	"
F. T. Garden	"	Alexander Edmond	"
Robert Rattray, M.D.	"	James A. Sinclair	"
James F. Hadden	"	Robert Catto	1873
Gavin Hadden	"	Sir James H. Burnett, Bart.	"

Managers,

In Virtue of Annual Subscriptions.

Gavin Thomas Todd ...	1863	John Gordon ...	1868
James Murray, M.D. ...	1866	John Crombie, Sen. ...	1869
Charles Duncan ..	,,	John Crombie, Jun. ...	,,
William C. Good ...	,,	George Macpherson ...	,,
J. Matthews Duncan, M.D. ...	1867	Sir John Clark ...	,,
J. Cardno Couper ...	,,	David Stewart ...	,,
John F. White ...	,,	The Earl of Kintore ...	1871
Hugh Hogarth ...	1868	Col. Farquharson ...	,,
H. Wolrige Gordon ...	,,	Hugh J. Macpherson ...	,,
James Crombie ...	,,	Captain Hogarth ...	,,

Managers elected 6th December, 1872.

Rev. G. F. I. Philip	William Allan	John Millar
James Marsh	Sheriff Dove Wilson	John Fyfe
Alexander Hay	Hugh Ross	James Ross
Dr. James Marshall	Rev. Archibald Young	William Bruce
Dr. George Morison	Rev. J. Rutherford, B.D.	

Managers from Presbyteries and Churches,

For one year from date of Appointment, in virtue of Annual Collections.

Rev. F. Kitchen ...	St. Andrew's Church
James Chivas ...	
Rev. H. Cowan, B.D. ...	West Parish Church
Robert Gerrard ...	
Rev. A. W. Brown ...	East Parish Church
C. A. Mollyson ...	
Rev. Samuel Clark ...	St. Paul's Church
George Jamieson ...	
Rev. John Milne ...	
Rev. R. Fairweather ...	Aberdeen Presbytery
Rev. David Milne ...	
Rev. G. Jamieson B.D. ...	
Rev. John Laidlaw ...	Free West Church
William Henderson ...	
Rev. Henry Bell ...	
Rev. W. Anderson ...	Aberdeen Free Presbytery
Rev. Geo. Macdonald ...	
Rev. C. M'Combie, D.D. ...	Kincardine O'Neil Presbytery
Rev. Geo. Hutchison, D.D. ...	
Rev. James Rust ...	Ellon Presbytery
Rev. William Mearns ...	
Rev. James Taylor ...	Fordoun Presbytery
Rev. J. Cruickshank, D.D. ...	
Rev. James Donald ...	Turriff Presbytery
J. R. Trail M.D. ...	
Rev. A. Dickie ...	Garioch Presbytery
Rev. James Stewart ...	
Andrew Murray ...	United Presbyterian Presbytery
Rev. John Watt ...	Parish Church, Peterhead
Rev. J. F. Cock ...	Free South Church
Rev. James Peter ...	Parish Church, Fetteresso
	Deer Presbytery

OFFICIALS.

Resident.

ROBERT JAMIESON, M.D. *Physician and Superintendent.*

A. G. BURNES, M.B. }
DAVID PATTERSON, M.B. } *Medical Assistants.*

EDWARD SAVAGE . . . *House Steward.*
Matron.

Mrs BUTTERS . . . *Ladies' Companion at Elmhill House.*

Miss E. JOHNSTON . . *Housekeeper at Elmhill House.*

Non-Resident.

Dr. JOHN MACROBIN . *Consulting Physician.*

Rev. ALEX. FERGUSON . *Chaplain.*

WILLIAM CARNIE . . *Clerk and Treasurer.*

MEDICAL REPORT.

AT the close of last year of the Asylum's history, there were four hundred and thirty-seven (437) patients resident in the house.

During the progress of the year 1872, there were admitted one hundred and thirty-five (135) additional cases, making the whole number under treatment five hundred and seventy-two (572) : of whom one hundred and eighty-eight were private patients so called, and three hundred and eighty-four (384) were sent in, and supported by, Parochial Boards, mostly within the county.

The result of the Medical treatment of this total was, the removal during the year of a hundred and thirty-six (136), a number fully counterbalancing the number of admissions.

Sixty-two (62) persons were discharged recovered ; twenty-three (23) more were so far benefited as to justify liberation ; nineteen (19) others were transferred to Poorhouses, or other Asylums ; and thirty-four (34) died within the house.

The average daily residence may be stated at four hundred and twenty-eight (428).

On the above summary the following remarks have to be made :—The number of admissions is twenty-five less than last year, and less than for three years past. The mean number in the house has declined, for the first time during the last five-and-thirty years. Previous to this, every succeeding Report has declared a progressing increase in the number of inmates ; and the present state of things, if not simply casual, would indicate that the Lunacy of the District has been gauged, or that the recent fashion of converting Poorhouses into Asylums has begun to check the development of the Hospital. Another curious fact in the statistics produced is, that the mortality of the year is absolutely the greatest in the records of the house, although relatively it has at various times been higher, as in the years 1831, 1832, 1835, and 1840, and others. The number of deaths has been unduly increased by patients sent in, in a dying condition, from Poorhouses, or in the last stage of life, and by accident and epidemic disease. Still the mortality has not reached any high degree, and, as may be learned by examination of past reports, is but little above the average of the Asylum for the last forty-three years, for which period an abstract may be found in the Tables appended. Another peculiarity of the year has been that the number of male admissions has been relatively much greater than of female, which, for years back, especially amongst the pauper class, have very much predominated. In some degree, the marked mortality of the year may be dependent on this circumstance—insanity being a more fatal disorder in men than in women. Eighty men have been admitted during the year, and only forty-six women.

Although a majority of the cases entered might be classed as simple Idiopathic Insanity, as being of constitutional origin, and independent of any distinct exciting cause or allied pathological condition ; still, a considerable number could be set down as associated with certain morbid states or actions, which imparted to them a character by which they could be readily recognised, and descriptively classified. Sixty-seven of them could be grouped as follows :—

Congenital Cerebral Defect,	3
Insanity of Epilepsy,	4
Traumatic Insanity,—as from accidental injury to the Brain by violence, sunstroke, &c. ...	7
Paralytic Insanity,	5
Insanity from Phthisical Disease,	6
Insanity connected with Pubescence,	3
Insanity from Climacteric Change,	7
Insanity from Age,	4
Insanity from Pregnancy, Child-birth, and Nursing,	10
Insanity from Drinking and Dissipation, ...	18

The recoveries for the year have been above forty-four per cent. The average residence in these cases was betwixt five and six months. More than half of the admissions have been removed within the twelve months.

During the year the Hospital was visited by Small-pox ; being the third time within eight years. Previously the disease had been traceable to intercourse between the Asylum and the Infirmary, but on this occasion the mode of introduction of the epidemic was difficult to be determined. By speedy isolation the cases were limited to five in number, of which two, however, proved fatal.

The customary inspections by the Lunacy Board were made on the 27th and 28th May, and 13th November. The reports then made enlarged on the good sanitary condition of the Establishment ; commended the liberal scale of dieting, clothing, and bedding ; noticed favourably certain improvements in the system of night watching ; and also reverted approvingly to the amount of personal supervision under which the routine and curative functions of the Asylum are carried on. Strictures in the reports of both visiting Commissioners were mostly confined to the plain and undecorated aspect of the larger Institution, and the somewhat old-

fashioned appearance of its furnishings and arrangements. There is no doubt truth in the remarks so made, and that the Aberdeen Asylum, while it keeps pace with such establishments elsewhere in the advantages it offers to the District and the community, and in the results which it accomplishes, has fallen behind many of its neighbours, if not in comfort, at least in smartness of internal appearance. This has no doubt arisen chiefly, if not entirely, from the want of harmony which has for many years existed between the liberal inclination of the Managers, the requirements of the patients, and the rates at which they have been admitted ; a matter which has at length attracted the notice of the Managing Committee, and which they have begun to take steps to set right.

The ordinary Statistical Tables will be found attached to the Report, and some pathological notes for those that take interest in such matters.

ROBERT JAMIESON, M.D.

TABLES.

TABLE I.

GENERAL RESULTS OF THE YEAR.

	Males.	Females.	Total.
Patients in the Asylum, 1st January, 1872	205	232	437
Admitted during the Year.	80	55	135
	<hr/>	<hr/>	<hr/>
Under care and treatment during the year,	285	287	572
Removed during the year :—			
	Males.	Females.	Total.
Recovered,	30	30	60
Relieved,	14	9	23
Unimproved,	12	7	19
Dead,	21	13	34
	<hr/>	<hr/>	<hr/>
Remaining in Asylum, 31st Dec. 1872,	208	228	436

TABLE II.

RELATIVE NUMBER OF PRIVATE AND PAROCHIAL CASES.

	Males.	Females.	Total.	Males.	Females.	Total.
Private Cases in Asylum, {						
1st January, 1872, . {	83	66	149			
Do. admitted during the year, {	25	14	39			
Total of Private Cases treat- {				108	80	188
ed during the year, . {						
Parochial Cases in Asylum, {						
1st January, 1872, . {	122	166	288			
Do. admitted during the year, {	55	41	96			
Total of Parochial Cases {				177	207	384
treated during the year, {						
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total number of Cases,				285	287	572
Private Cases removed dur- {						
ing the year, . {	24	19	43			
Parochial do., . {	53	40	93			
Total number of Cases re- {				77	59	136
moved during the year, {						
Private Cases remaining {						
31st December, 1872, {	83	66	149			
Parochial do., . {	125	162	287			
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total number of Cases remaining,				208	228	436

TABLE III.

AGE OF PATIENTS ADMITTED.

				Males.		Females.		Total.
From 10 to 20,	.	.	.	7	...	5	...	12
„ 20 to 30,	.	.	.	19	...	9	...	28
„ 30 to 40,	.	.	.	20	...	17	...	37
„ 40 to 50,	.	.	.	8	...	9	...	17
„ 50 to 60,	.	.	.	11	...	7	...	18
„ 60 to 70,	.	.	.	9	...	5	...	14
„ 70 to 80,	.	.	.	6	...	2	...	8
„ 80 to 90,	.	.	.	0	...	1	...	1
				<hr/> 80		<hr/> 55		<hr/> 135

TABLE IV.

CLASSIFICATION OF ADMISSIONS ACCORDING TO PLACES OF RESIDENCE.

				Males.		Females.		Total.
From Aberdeen and Suburbs,	.	.	.	30	...	23	...	53
„ Aberdeenshire,	.	.	.	41	...	23	...	64
„ Distant Localities,	.	.	.	9	...	9	...	18
				<hr/> 80		<hr/> 55		<hr/> 135

TABLE V.

SOCIAL CONDITION OF PATIENTS ADMITTED.

				Males.		Females.		Total.
Married,	.	.	.	33	...	21	...	54
Single,	.	.	.	43	...	30	...	73
Widowed,	.	.	.	4	...	4	...	8
				<hr/> 80		<hr/> 55		<hr/> 135

TABLE VI.

OCCUPATION OR STATION IN LIFE OF PATIENTS ADMITTED.

MALES.

Basketmakers,	2	Hawker,	1
Billiard Room Keeper,	1	Indian Civil Service,	1
Blacksmith,	1	Labourers,	14
Book Canvasser,	1	Lamp Lighter,	1
Cab-driver,	1	Lawyers,	2
Carter,	1	Masons,	2
Clerks,	2	Quarriers,	4
Coffee Planter,	1	Saddler,	1
Commission Agent,	1	Sailor,	1
Cooper,	1	Shoemakers,	4
Crofters,	2	Shop-keeper,	1
Druggist,	1	Ship Master,	1
Engineers,	2	Soldiers,	4
Engraver,	1	Student,	1
Farmers,	5	Town Serjeant	1
Farmers' Son's	3	Watchmaker,	1
Farm Servants	6	No Occupation,	5
Fish Curer,	1		
Fishermen,	2	Total,	80

FEMALES.

Daughter of Farmer,	1	Wives of Crofters,	2
Dressmaker,	1	„ of Farm Servant,	1
Envelope Maker,	1	„ of Jeweller,	1
Housewives,	4	„ of Labourer,	1
Mill Workers,	2	„ of Miller,	1
Sempstresses,	3	„ of Sailors,	2
Servants, Domestic,	10	„ of Street Porter,	1
Servants, Farm,	1	„ of Tailor,	1
Teacher,	1	„ of Weaver,	1
Vagrant,	1	No Occupation,	16
Widow of Military Officer,	1		
Widow of Cooper,	1	Total,	55
Wife of Clergyman,	1		

TABLE VII.

COMPLICATION OF CASES ADMITTED WITH DISEASED IMPULSE.

			Males.	Femals.	Total.
Suicidal Impulse, with Melancholia,	.	.	14	2	16
„	„	Mania,	1	0	1
Homicidal	„	Monomania,	0	1	1
„	„	Melancholia	1	0	1
			<hr/>	<hr/>	<hr/>
			16	3	19

TABLE VIII.

NATURE OF CAUSES ASSIGNED.

Causes Assignable, in	.	.	.	about 67 per cent.
Hereditary Predisposition, in	.	.	.	„ 23 „
Moral Causes, in	.	.	.	„ 10 „
Physical Exciting Cause, in	.	.	.	„ 34 „

TABLE IX

FORM OF INSANITY IN CASES ADMITTED.

					Males.	Females.	Total.
Amentia,	.	.	.	.	1	2	3
Dementia,	.	.	.	.	20	7	27
Mania,	.	.	.	.	27	22	49
Melancholia,	.	.	.	.	19	17	36
Monomania,	.	.	.	.	13	7	20
					<hr/>	<hr/>	<hr/>
					80	55	135

TABLE X.

COMPLICATIONS OF CASES ADMITTED WITH NERVOUS DISEASES.

	Males.	Females.	Total.
Epilepsy, with Mania,	4	0	4
Paralysis, with Dementia,	4	1	5
Tubercular Meningitis, with Mania,	1	0	1
	<hr/> 9	<hr/> 1	<hr/> 10

TABLE XI.

CAUSES ASSIGNED IN CASES ADMITTED.

	Males.	Females.	Total.
Age,	3	1	4
Amenorrhœa,	0	4	4
Business Troubles,	4	0	4
Climacteric Change,	0	5	5
Climate,	1	0	1
Death of Friends,	2	0	2
Devotional Excitement,	2	0	2
Disease of Brain,	1	1	2
Disappointment,	2	1	3
Fever,	1	1	2
Fright,	1	0	1
Hereditary Predisposition,	17	13	30
Injury to the Head,	2	0	2
Intemperance,	15	3	18
Parturition,	0	4	4
Pubescence,	0	1	1
Privation,	2	0	2
Sun-Stroke,	1	0	1
Tubercular Disease,	3	1	4
Want of Rest,	1	0	1
No Cause assigned in,	27	21	48

TABLE XII.

CASES DISCHARGED RECOVERED.

No.	Sex.	Form of Mental Disease.	Cause of Disorders.	Residence.			
				Y.	M.	W.	D.
1	M.	Dementia ... ..	... ..	0	7	2	1
2	M.	Dementia	Intemperance	0	3	3	5
3	M.	Dementia ... ..	... ..	0	3	4	2
4	M.	Mania ... ..	... ..	0	3	2	6
5	F.	Mania	Parturition	0	8	1	3
6	F.	Mania ... ..	... ..	0	0	4	2
7	F.	Mania ... ..	... ..	0	11	1	1
8	M.	Mania ... ..	... ..	0	5	4	1
9	M.	Mania	Poverty	0	5	3	6
10	F.	Mania	Hereditary	0	11	2	6
11	M.	Mania ... ..	... ..	0	5	2	3
12	F.	Mania	Hereditary	0	8	3	6
13	F.	Mania ... ..	... ..	0	4	1	0
14	F.	Mania	Climacteric Change	0	10	3	0
15	F.	Mania	Amenorrhœa	0	1	4	1
16	F.	Mania	Climacteric Change	0	2	1	0
17	M.	Mania	Intemperance	0	2	0	2
18	M.	Mania	Intemperance	0	5	1	3
19	F.	Mania	Intemperance	0	11	0	5
20	M.	Mania	Cerebral Diseases	0	2	2	3
21	F.	Mania	Hereditary	0	6	1	2
22	F.	Mania	Hereditary	0	5	1	3
23	F.	Mania ... ..	... ..	2	0	0	2
24	M.	Mania	Tubercular Disease	0	1	4	2
25	F.	Mania ... ..	... ..	1	1	4	1
26	F.	Mania	Amenorrhœa	0	7	1	2
27	F.	Mania	Intemperance	0	0	0	6
28	M.	Mania	Intemperance	0	2	0	5
29	F.	Mania	Parturition	0	6	3	2
30	F.	Mania	Intemperance	0	4	2	4
31	M.	Mania	Intemperance	0	0	2	4
32	F.	Mania ... ..	... ..	0	6	0	2
33	F.	Mania ... ..	... ..	0	2	3	2
34	M.	Mania ... ..	... ..	0	1	3	4
35	M.	Mania	Death of Mother	0	5	1	3
36	M.	Mania ... ..	... ..	0	1	1	5
37	F.	Mania	Strumous Disease	0	4	1	2
38	F.	Mania	Parturition	0	2	1	0
39	M.	Mania	Hereditary	0	1	0	1
40	F.	Mania	Hereditary	0	10	2	4
41	M.	Mania	Hereditary	2	0	1	4
42	F.	Melancholia ... ..	... ..	1	0	0	0
43	F.	Melancholia	Death of Mother	0	9	4	2
44	M.	Melancholia ... ..	... ..	0	2	2	0
45	M.	Melancholia ... ..	... ..	0	9	2	2
46	M.	Melancholia	Hereditary	0	3	4	1
47	M.	Melancholia	Hereditary	0	3	0	5
48	F.	Melancholia	Parturition	0	6	2	2
49	M.	Melancholia	Hereditary	0	3	0	0

CASES DISCHARGED RECOVERED.

Continued

No.	Sex.	Form of Mental Disease.	Cause of Disorder.	Residence.			
				Y.	M.	W.	D.
50	M.	Melancholia ...	Hereditary ...	0	2	3	3
51	M.	Melancholia ...	... ..	0	5	0	2
52	M.	Melancholia ...	Disappointment ...	0	4	3	2
53	M.	Melancholia ...	Business Troubles ...	0	1	2	0
54	F.	Monomania... ..	... ..	0	6	0	2
55	F.	Monomania... ..	... ..	0	3	0	1
56	M.	Monomania... ..	Influence of Climate ...	0	3	0	1
57	F.	Monomania... ..	... ..	0	2	1	2
58	F.	Monomania... ..	Hereditary ...	0	4	0	6
59	M.	Monomania... ..	... ..	0	9	2	2
60	M.	Monomania... ..	... ..	0	2	3	2
61	F.	Monomania... ..	Hereditary ...	0	3	0	0
Average duration of Residence.....				0	5	2	4

TABLE XIII.

DEATHS.

Males. Females. Total.

I.—CEREBRAL DISEASES.

General Paralysis,	5	1	6
Epilepsy,	1	1	2
Meningitis, (Tubercular)	1	0	1
Disease of Brain,	1	0	1

II.—THORACIC DISEASES.

Bronchitis,	2	0	2
Phthisis,	3	3	6
Disease of Heart,	0	1	1
Disease of Aorta,	1	0	1

III.—ABDOMINAL DISEASE.

Intestinal Catarrh,	1	2	3
Nephritic Dropsy,	0	1	1
Ischuria Renalis,	1	0	1
Chronic Gastritis,	0	1	1

IV.—FEBRILE & MALIGNANT DISEASE.

Small-pox,	2	0	2
Erysipelas,	1	0	1
Cancer,	0	1	1

V.—GENERAL DEBILITY.

Exhaustion from Excitement,	2	1	3
------------------------------------	---	---	---

VI.—ACCIDENT & VIOLENCE.

Self-destruction,	0	1	1
	21	13	34

TABLE XIV.

CAUSES OF DEATHS IN 1872.

No.	Sex.	Age.	Form of Mental Disorder.	Causes of Disorder.		Duration of Resid.			Causes of Death.
						Y.	M.	W.	D.
1	M.	52	Dementia	.	.	0	0	0	General Paralysis.
2	M.	43	Dementia	.	.	3	5	0	General Paralysis.
3	M.	30	Dementia	.	.	0	11	3	Cerebral Disease.
4	M.	68	Dementia	.	.	1	3	2	Erysipelas.
5	M.	25	Dementia	.	.	1	0	2	General Paralysis.
6	M.	56	Dementia	.	Disease of Brain	2	2	2	General Paralysis.
7	M.	72	Dementia	.	Old Age.	1	0	0	Diarrhoea.
8	M.	68	Dementia	.	.	2	0	0	Exhaustion.
9	F.	45	Dementia	.	.	14	8	0	Phthisis.
10	F.	42	Dementia	.	Hereditary	3	8	0	General Paralysis.
11	F.	72	Dementia	.	.	25	4	0	Cancer.
12	F.	69	Dementia	.	.	20	4	1	Epilepsy.
13	F.	25	Dementia	.	Hereditary	0	11	3	Phthisis.
14	M.	67	Dementia	.	.	37	2	1	Epilepsy.
15	F.	72	Dementia	.	Hereditary	14	0	3	Anasarca.
16	M.	51	Dementia	.	.	1	7	0	General Paralysis.
17	F.	86	Dementia	.	.	47	0	5	Diarrhoea.
18	M.	74	Dementia	.	Hereditary	0	2	1	Chronic Bronchitis.
19	M.	45	Dementia	.	.	19	3	3	Phthisis.
20	F.	64	Dementia	.	.	34	5	0	Disease of heart.
21	F.	60	Dementia	.	.	0	11	3	Exhaustion.
22	F.	62	Dementia	.	.	0	5	2	Chronic Gastritis.
23	M.	65	Mania	.	Intemperance	0	0	0	Chronic Bronchitis.
24	M.	28	Mania	.	.	2	4	1	Phthisis.
25	M.	17	Mania	.	Tubercular Meningitis	0	0	0	Tubercular Meningitis.
26	M.	27	Mania	.	.	4	0	2	Phthisis.
27	M.	52	Mania	.	.	1	2	0	Exhaustion.
28	M.	35	Melancholia	.	Hereditary	6	9	0	Small-pox.
29	F.	72	Melancholia	.	.	7	5	3	Intestinal Catarrh.
30	M.	62	Melancholia	.	.	1	2	0	Small-pox.
31	M.	54	Melancholia	.	Business Troubles	0	0	1	Ischuria Renalis.
32	F.	48	Melancholia	.	Parturition	12	5	3	Phthisis.
33	F.	39	Melancholia	.	.	0	4	3	Asphyxia.
34	M.	51	Melancholia	.	.	0	5	0	Disease of Aorta.
Average Age,		53	Average Duration of Residence.....			7	0	3	2

TABLE XV.

RESULTS, AT PRESENT DATE, OF ADMISSIONS OF LAST 49 YEARS.

Year.	Admitted.	Recovered.	Relieved, &c.	Dead.	Remaining. 31st Dec., 1872.
1800-24.	563	445		117	1
1825	52	23	19	10	0
1826	41	22	11	8	0
1827	36	15	13	8	0
1828	32	16	9	5	2
1829	46	16	18	12	0
1830	59	30	12	17	0
1831	33	13	7	13	0
1832	33	15	6	12	0
1833	42	19	14	9	0
1834	50	19	23	6	2
1835	42	22	8	11	1
1836	41	17	14	10	0
1837	43	17	12	14	0
1838	53	23	11	18	1
1839	74	32	18	22	2
1840	48	25	11	8	4
1841	56	21	16	16	3
1842	51	19	17	12	3
1843	71	35	19	15	2
1844	74	30	25	17	2
1845	93	45	24	21	3
1846	67	26	24	15	2
1847	95	43	26	24	2
1848	83	41	23	15	4
1849	81	36	23	15	7
1850	69	34	17	16	2
1851	85	38	25	17	5
1852	95	48	29	13	5
1853	107	48	27	27	5
1854	65	27	20	12	6
1855	61	34	13	8	6
1856	103	57	23	18	5
1857	84	32	24	20	8
1858	102	40	28	23	11
1859	84	30	25	19	10
1860	78	43	18	13	4
1861	104	55	24	15	10
1862	88	49	21	10	8
1863	123	60	30	20	18
1864	116	58	30	14	14
1865	111	51	27	21	12
1866	148	72	40	17	19
1867	144	64	42	21	17
1868	132	50	36	13	33
1869	163	76	42	15	35
1870	150	73	30	10	37
1871	160	59	36	17	48
1872	135	35	17	6	77
	4476	3225		815	436

TABLE XVI.

GENERAL RESULTS OF THE LAST 43 YEARS.

Year.	Mean Number Resident.	Admitted.	Recovered	Dead.	Recovered per Cent to Ad- missions.	Recovered per Cent. to mean No. Resident	Deaths per Cent. to Ad- missions.	Deaths per Cent to mean No. Resident
1830	102	59	27	8	45.77	26.57	13.56	7.84
1831	100	33	14	12	42.42	14.00	36.36	12.00
1832	106	33	15	10	45.45	14.15	30.30	9.43
1833	107	42	23	14	54.76	21.51	33.33	13.08
1834	114	50	16	6	32.00	14.91	12.00	5.26
1835	116	42	20	11	47.61	18.10	26.19	9.48
1836	109	41	24	5	58.53	22.02	12.19	4.59
1837	113	43	16	8	39.53	14.16	18.60	7.08
1838	124	53	20	14	37.73	16.13	26.41	11.29
1839	140	74	26	10	35.13	18.57	13.51	7.14
1840	144	48	25	19	52.08	17.36	39.51	13.19
1841	150	56	22	10	39.29	14.66	17.86	6.67
1842	152	51	26	11	50.98	17.10	21.57	7.24
1843	167	71	28	12	39.44	17.18	16.90	7.19
1844	183	74	30	7	40.54	16.39	9.46	3.83
1845	200	93	41	13	44.09	20.05	13.98	6.50
1846	213	67	29	12	43.28	13.14	17.91	5.63
1847	222	95	40	23	42.10	18.02	24.21	10.36
1848	229	83	47	17	57.31	20.52	20.73	7.42
1849	229	81	36	16	43.36	15.70	19.27	6.98
1850	230	69	32	17	46.37	13.91	24.91	7.39
1851	245	85	32	20	37.64	13.06	23.53	8.16
1852	263	95	42	18	44.21	15.97	18.94	6.84
1853	280	107	54	21	50.46	19.28	17.75	7.50
1854	281	65	39	19	60.00	13.87	29.23	6.75
1855	274	61	31	9	50.82	11.31	14.75	3.29
1856	291	103	44	20	42.72	15.12	19.41	6.87
1857	299	84	50	21	59.52	16.79	25.00	7.02
1858	295	102	39	15	38.23	13.22	14.70	5.08
1859	307	84	42	9	50.00	13.59	10.71	2.93
1860	308	78	32	22	41.02	10.39	28.29	7.14
1861	318	104	48	19	46.15	15.09	18.27	5.97
1862	323	88	48	20	54.54	14.86	22.74	6.19
1863	340	128	55	22	42.96	16.17	17.18	6.47
1864	346	116	50	25	43.96	14.45	21.55	7.22
1865	362	111	67	23	60.36	18.51	20.72	6.35
1866	369	148	66	31	44.59	17.88	20.98	8.40
1867	391	144	73	22	50.69	18.67	15.28	5.63
1868	410	132	65	15	49.24	15.85	11.36	3.65
1869	420	168	55	22	32.73	13.09	13.09	5.23
1870	423	150	68	26	45.33	16.07	17.33	6.14
1871	438	160	84	22	52.50	19.17	13.75	5.00
1872	428	135	60	34	44.44	13.89	25.18	7.87
Sum and Average of 43 Years.	10661	3706	1701	710				
	247.93	86.19	39.56	16.51	46.04	16.28	20.20	7.10

TABLE XVII.

ABSTRACT OF DAILY RETURNS—SHOWING DISTRIBUTION, &C., OF PATIENTS
REMAINING IN THE ASYLUM.

	Males.	Females.	Total.
Number of Patients in the Asylum, Dec. 31, 1872,	208	228	436
" in Front House,	36	25	61
" in Back House,	58	44	102
" in East Wing,	0	105	105
" in West Wing,	69	0	69
" in Elmhill House,	21	13	34
" in Clarkseat House,	23	0	23
" in Barkmill House,	0	9	9
" in Gate Cottage,	0	13	13
" in Mary Place House,	0	20	20
Number of Patients Sick, Dec. 31, 1872, ...	1	5	6
" Usually Employed,	74	82	156
" Mostly unemployed, except } in exercise and amusement, }	125	139	264
" Usually Attending Chapel,	80	76	156

TABLE XVIII.

ARTICLES OF CLOTHING, &C., MADE AND REPAIRED FROM JANUARY, 1872,
TO JANUARY, 1873.

	Made.	Repaired.		Made.	Repaired.
Aprons,	331	431	Hats, Trimmed,	13	19
Beds, Strong,	48	75	Jackets,	58	137
Bed Covers,	35	52	Linders,	557	1013
Bed Gowns,	47	106	Neckerchiefs,	391	182
Bed Ticks,	61	45	Petticoats,	574	1123
Blankets, ... ..	...	111	Pillow Slips,	253	321
Bolster Slips,	184	429	Quilts, Strong,	4	14
Bolster Ticks,	84	120	Sheets,	324	606
Bonnets, Trimmed	30	38	Shifts,	597	732
Boots, Pairs,	52	270	Shirts,	132	311
Caps, Day	141	281	Shoes, Pairs,	264	400
Caps, Cloth,	2	24	Slip Bodies,	104	101
Caps, Night,	292	171	Stays,	38	64
Carpets,	2	15	Stockings, Pairs,	495	5689
Coats,	52	630	Table Cloths,	84	58
Collars,	65	97	Towels,	223	132
Counterpanes,	36	49	Tray Cloths,	16	24
Drawers,	162	1719	Trousers,	57	790
Dresses, Strong,	10	47	Vests,	53	489
Gowns,	653	524	Window Blinds,	25	28
Habitshirts,	16	20	Wrappers,	46	51
Handkerchiefs,	173	89			

CAPITAL ACCOUNT OF THE TRUST

For the Year ending 31st March 1873.

	Amount at 30th March, 1872.	Decrease during the year,	Increase during the year.	Amount at 31st March 1873.
	£ s. d.	£ s. d.	£ s. d.	£ s.
To Debts due by the Asylum :—				
Legacy by George Hogg, ...	1,600 0 0	.....	.....	1,600 0
Mortification by John Burnett,	256 9 8	.....	2 0 4	258 10
Loans,	16,300 0 0	.....	.....	16,300 0
Bank Current Account, ...	2,280 6 0	.....	822 4 11	3,102 10 11
Income Tax,	8 4 11	0 4 8	.....	8 0
Amount of Debt, ...	20,445 0 7	0 4 8	824 5 3	21,269 1
To Stock,	35,493 13 10			
Less--Decrease during the year	.....	399 14 9	.....	35,093 19
	55,938 14 5	399 19 5	824 5 3	56,363 0

MANIC ASYLUM, ABERDEEN
 31st March, 1873.

	Amount at 30th March. 1872.	Decrease during the year.	Increase during the year.	Amount at 31st March, 1873.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Asylum Buildings and Ground }	32,397 0 6	.....	.....	32,199 1 0
Written off Buildings for Deterioration for Year }	.....	197 19 6	.....	.....
Limhill Buildings and Ground }	16,077 0 0	.....	.....	15,993 18 6
Written off Buildings for Deterioration for Year, }	.....	83 1 6	.....	.....
Household Furniture ...	3,176 5 1	.....	.....	3,241 6 2
Written off Furniture for Deterioration for Year }	.....	79 8 1	.....	.....
New Furniture added, ...	.....	.....	144 9 2	.....
Stores in hand	802 5 8	22 0 5	.....	780 5 3
Board of Patients to recover	259 3 5	127 12 4	.....	131 11 1
Wilcomston Fues ...	368 0 0	.....	.....	368 0 0
Asylum Extension—Build- ings to Account ... }	2,511 5 6	.....	789 18 6	3,301 4 0
Woodford Burn ...	347 14 3	.....	.....	347 14 3
	55,938 14 5	510 1 10	934 7 8	56,363 0 3

WILLIAM CARNIE, *Treasurer.*

JAMES TYTLER, C.A., *Auditor.*

ABSTRACT of the REVENUE ACCOUNT of THE LUNATIC ASYLUM, ABERDEEN, for the Year Ending 31st March, 1873.

INCOME.			EXPENDITURE.		
Patients' Board, ..	..	£12,309 4 8	PROVISIONS—	..	£722 12 5
Produce of Ground, ..	..	196 6 5	Meal and Sids, ..	..	701 14 4
Joiners' Work, ..	..	1 18 4	Bread and Barley, ..	..	1,987 14 1
Shoemakers' ditto, ..	..	42 8 11	Butcher Meat, ..	..	526 15 3
ENDOWMENTS—			Butter and Cheese, ..	..	172 14 6
Bedlam Fund, ..	£30 0 0		Table Beer, ..	..	461 3 5
Gilcomston Feu-duties, ..	15 6 8		Tea and Sugar, ..	..	750 8 6
Chalmer's Bequest, ..	30 0 0		Milk, ..	..	869 7 5
			Small Necessaries, ..	..	81 9 0
			Medicine, ..	..	229 14 3
			Wines, Spirits, and Porter, ..	..
LEGACY—					£6,503 13 2
The late Miss Jane Laing, ..	..	1 0 0	FIRE AND LIGHT—Coals, Gas, &c., ..	874 1 8	
			WASHING—Soap, &c., ..	107 7 6	
			MEDICAL SALARIES—		
			Physician and Superintendent, ..	500 0 0	
			Consulting Physician, ..	100 0 0	
			Medical Assistants, ..	80 0 0	
			GENERAL SALARIES AND WAGES—		680 0 0
			Chaplain ..	100 0 0	
			Clerk and Treasurer, ..	200 0 0	
			Auditor, ..	10 10 0	
			Steward, ..	100 0 0	
			Matron, ..	70 0 0	
			Attendants, House Tradesmen, and } ..	1,193 15 11	
			Servants' Wages, ..		
			REPAIRS AND FURNISHINGS—		1,674 5 11
			Repairs and Additions to Furniture, ..	258 3 3	
			Do. do. Building, ..	545 18 3	
			Do. do. Bedding, ..	199 4 4	
			VARIOUS—		
			Pauper Clothing and Furnishings, ..	..	1,003 5 10
			Printing and Stationery, ..	..	559 5 6
			Insurances and Public Burdens, ..	..	62 9 9
			Incidents (including £57 Snuff and Tobacco to Pauper Patients) ..	..	294 4 6
			Interest on Borrowed Money, ..	..	121 1 6
					785 15 4
					12,665 10 8
			Charged for deterioration on Asylum, {		
			Buildings, at $\frac{2}{3}$ per cent. ..	197 19 6	
			Do. do. Elmhill, do. ..	83 1 6	
			Do., Household Furniture at $2\frac{1}{2}$ per cent. ..	79 8 1	
					360 9 1
					£13,025 19 9
Excess of Expenditure above Income, 1872-73,					
	12,626 5 0				
	399 14 9				
	£13,025 19 9				

PATHOLOGICAL APPENDIX.

CASE I., R. M. G., Æt. 65.—A hawker; was admitted on the 2nd January, 1872, in a maniacal condition, making a great noise, and trying to break everything near him, and was stated to be dangerous to others and himself. Physically he was feeble and thin, and suffering from Chronic Bronchitis. On the 10th January, he refused to take his food, apparently under the impression that he “had to pay for it,” consequently it was necessary to feed him with a spoon. He died on 31st January.

Post-Mortem Examination twenty hours after death. Body fairly nourished.

The calvarium was with difficulty separated from the dura mater. The visceral arachnoid was in many places white and thickened. The pia mater considerably injected. In each lateral ventricle there was about a drachm of fluid; the walls of the basilar artery and of its branches were studded with many hard white nodules.

The anterior and superior parts of the lungs were very emphysematous, greatly increasing the size of the organs, so as to displace the liver nearly to the umbilicus. The larynx was normal; the trachea was injected, and at its lower part contained a good deal of frothy mucus. Both Bronchi and their ramifications were nearly full of mucus, in some places clear and frothy and in others more tenacious.

The ventricles of the heart were both slightly hypertrophied, and contained a little blood. The valves of the left side contained several calcareous plates, as did the coronary arteries and the aorta. The ascending and transverse parts of the arch of the aorta were dilated, but the aortic valves were nearly complete.

The stomach contained about two ounces of brown soup, and was constricted at the middle. The liver was adherent to the right kidney. The kidneys were about normal in size; when cut, they had a mottled appearance; several small calculi were found in the pelvis of the left kidney.

CASE II., W. C., Æt. 39.—Married; was admitted on the 3rd September, 1868, in a state of Paralytic Dementia, possessing high delusions

that he was possessed of large sums of money, and many horses, &c. The disease progressed steadily, and he died on the morning of the 24th January, 1872.

Post-Mortem Examination thirty hours after death.

Calvarium thin and easily detached from the dura mater ; the visceral arachnoid opaque near the large vessels ; pia mater deeply congested ; in each lateral ventricle about one ounce of clear serum ; the ventricular walls were firm.

Upper part of right pleura obliterated. Anterior part of left lung nearly concealing the heart, and very emphysematous. Dependant parts livid, full of blood. Heart small, and of a dirty yellowish colour, its walls very thin. Both kidneys very flabby ; the cortex and interpyramidal parts of a yellowish fatty hue ; pyramids injected, and the cortex diminished.

CASE III., D. H. A., Æt. 25.—Single, a clerk ; was admitted on 1st October, 1869, in a state of “intense maniacal excitement.” He was previously melancholic, but a few days before admission, he became excited, and committed an assault for which he was apprehended, and afterwards conveyed to the Asylum. His conversation was noisy and incoherent, and he laboured under the delusion that he possessed great mental and personal powers. He was formerly in an Asylum. About October, 1870, he became orderly and quiet, but exhibited a depressed state, wandering about the yard, neither speaking nor taking notice of what was passing around him. At the end of 1871, he took to his bed, and on examination of his chest, the right clavicular region was found to be dull, also a slight dulness were over the left infra clavicular region. Over the right apex of lung, mucous gurgling of a cavernous character, with tubular breathing, was heard. Expectoration was purulent, and the patient himself was hectic. These symptoms progressed, and he died on the evening of the 20th January, 1872.

Nothing remarkable beyond a deep congestion was observed in the cranium.

In the left pleura there were a few adhesions. A small portion of the lower lobe of the left lung was indurated, and when cut, showed many small millet seed-like particles. A similar piece was found near the apex of the same lung.

The right pleural cavity was completely obliterated by strong adhesions, separated with great difficulty. At the upper part of the right lung, was a large cavity full of a brown flaky matter, of a very disagreeable odour ; the rest of the lung was full of small similar collections.

In the intestines, Peyer's patches were in some places indurated, and in others more or less ulcerated. The Ileocecal valve was ulcerated and imperfect.

CASE IV., T. M., Æt. 21.—A farm servant ; was first admitted on 31st October, 1863, in a depressed condition, talking absurdly on religious subjects, and thought to be suicidally inclined.

On 28th January, 1864, he was removed by his friends considerably improved.

Readmitted, 23rd February, 1871. After having been ill a year, this attack was said to have succeeded an apoplectic seizure. He was remarkably shy and indifferent to things around him, frequently laughing to himself; and before admission he used violence to himself. He became subject to excitement of a talkative character. In November, 1871, he had an epileptic attack.

In the commencement of 1872, he suffered from debility, with œdema of the legs and feet, slight pleurisy of the left side of chest, and partial œdema of the right lung; and the passage of bloody stools. He died early in the morning of 31st January, 1872.

Calvarium very thin, and easily detached. The surface of the dura mater showed two patches of whitish matter—one, the larger, over the anterior part of the right cerebrum, and a smaller one over the posterior part of the same hemisphere, near to the longitudinal sinus. The anterior one was irregularly circular, about one inch in diameter; the dura mater round it was slightly injected, and, including the patch, about one-fourth of an inch in thickness: the bone above the patch had a worm-eaten appearance; the posterior patch only differed in size. There was no morbid appearance within the dura mater at the site of these patches, except that the parietal and the viscerai layers of the arachnoid were slightly adherent. In each lateral ventricle there was about half an ounce of fluid.

In the lower part of the left pleural sac were slight remains of recent pleurisy, and some old adhesions in the upper part; the sac contained some fluid; the lung itself was œdematous. The right pleura contained some fluid, in a circumscribed cavity caused by adhesions; the lower part of the lung was highly congested. The liver was adherent to the diaphragm by recent lymph. The organ was twice its normal size, and on section showed small collections of pus, which, on squeezing, came from the hepatic veins. The spleen was considerably enlarged, and had three large cheese-like collections in its substance. The head of the pancreas was large, and hard to the touch. The kidneys and intestines were healthy.

CASE V., J. D., Æt. 66.—Labourer; admitted 6th May, 1870. This was a case of Dementia; and on admission was in a somewhat exhausted condition. He died, 11th April, 1872.

Right leg swollen, particularly the inner side of the thigh, where the skin was dark. Below the peritoneum on the right side of the pelvis, and in the right iliac fossa, was a large collection of flaky pus; it extended below Poupart's ligament about one inch. Below it the femoral vein was occluded by a firm adherent clot.

The pericardium was adherent to the heart. The surface of the heart was yellow, and contained many small cysts full of clear contents. A small infarction was found at the surface of the upper and posterior aspect of the lower lobe of the left lung.

CASE VI., M. G., Æt. 39.—A married female ; a transfer from another Asylum, where she had been since June, 1867. Admitted into this Institution, 1st March, 1869. She was said to be demented, possessing hallucinations of hearing, and to be paralytic. She was dirty, noisy at night, and suffered from amaurosis.

She died from exhaustion, 30th April, 1872.

The calvarium was thickened, (the “Concentric Hypertrophy” of Paget,) and averaged in thickness five lines—the increase being in the diploe. The bone was easily separated from the dura mater, which then hung loosely like a half-empty bag. In the subarachnoid space there was a large effusion of glutinous matter resembling half-boiled white of egg. The white matter of the brain was very firm and pale. The lateral and fifth ventricles were greatly distended by serum. The whole brain weighed only $32\frac{1}{2}$ oz., the cerebellum $4\frac{3}{4}$ oz.

Several collections of caseous deposit, softening, in the lowest lobe of the right lung ; considerable passive congestion in both lungs. Trachea and bronchi livid, with glairy mucus, and containing also frothy mucus. Mucous membranes were soft and congested. Heart undergoing fatty degeneration. Walls of right ventricle about one line in thickness ; of right auricle translucent ; some atheromatous deposit in the aorta and its large branches ; some very hard calcareous glands between the trachea and the pulmonary vein.

The liver was enlarged, and yellowish in appearance.

The super-renal capsules were simple bags with no apparent opening, containing a quantity of dark grumous bloody fluid.

Kidneys undergoing fatty degeneration, and congested. Ovaries in a state of calcareous degeneration ; no normal structure left. Both Fallopian tubes distended at the free extremity to the size of an ordinary finger, and containing a clear fluid.

CASE VII., W. S., Æt. 17.—A labourer ; was admitted 2nd July, 1872, in a dull semi-comatose condition. When in bed he lay on his back moaning, and frequently putting his hand to his head. He never rallied from this condition, and died on 4th July, 1872.

The calvarium was very thin and vascular, easily separated from the dura mater ; veins of the pia mater were injected. Many white granular bodies in the arachnoid, near the superior longitudinal sinus. At the base of the brain the sub-arachnoid space was full of thick lymph, and many small white bodies were found in the membrane. There was much inflammation about the optic commissure ; the fissure of Sylvius was glued up by lymph. Brain substance was soft and white.

CASE VIII., J. McD., Æt. 31.—A married female ; admitted 17th May, 1872. Had been in the Asylum in 1864, but was discharged recovered after a stay of three months. This was a case of Melancholia with hallucinations of hearing, suspicious, and refusal of food. There was no change in her condition till 3rd October, 1872. She was found

dead in her bed-room, with the leg of the bedstead resting on the front part of her neck.

On the front of the neck, was a mark corresponding to the octagonal shape of the bed-foot.

A good deal of blood flowed from the cut scalp ; the vessels at the top of the brain were filled with dark blood ; the *puncta vasculosa* were well marked. Ventricles of brain almost empty. There were very slight marks of bruising on the neck at the site of the injury.

The right pleura was universally adherent ; both lungs deeply congested, but crepitant ; trachea and bronchi purple from congestion of the mucus membrane, and containing a layer of tenacious mucus, a small extravasation of blood into the left vocal cord and left thyro-arytenoideus muscle.

Circumvallate papillæ of tongue deeply congested, rest of it natural, with the exception of a mark like a tooth-bite near the tip.

The heart was healthy in texture, left side firmly contracted, right flabby ; both sides empty.

Liver deeply congested, showed commencing cirrhosis ; spleen large, also congested.

Both kidneys congested but otherwise healthy.

The blood was everywhere fluid, and of a dark colour.

CASE IX., M.S.—A married female. This was a case of long-standing Melancholia, the patient having been admitted into the Asylum in 1825. During the whole of the remainder of her life, she was in much the same condition mentally as on admission, though her physical health was pretty good. On 7th October, 1872, she had an attack of Diarrhœa, which carried her off on the 11th of the same month.

Calvarium blood-stained, considerable subarachnoid effusion, and the brain was congested. There was white softening in the centre of the posterior part of the right hemisphere. The cerebral ganglia were congested. There were two small aneurisms, about the size of a large pea, on two lateral branches of the basilar artery.

The lungs were deeply congested, and in part hepatized.

The heart was pale, and friable from fatty degeneration. The valves were healthy. Pericardium contained about three ounces of serum.

Kidneys : Capsules were firmly adherent, they contained many cysts. The stomach and intestines were considerably congested in parts, and there was a small tumour of the mucous membrane in the Jejunum. Many hair-worms (*Tricocephalus dispar*) were found in the intestines.

CASE X., R. McK., Æt. 50.—A labourer ; married ; admitted 6th May, 1872, in a state of Dementia. On examination of his chest, a rough see-saw murmur was discovered, loudest at the right side of the sternum at the second costal cartilage. The heart sounds were heard also, and appeared normal. He complained of general debility, and an occasional cough ; he had some bloody expectoration. Remained in much the same

condition to the beginning of October, when he became much weaker, gradually sunk, and died on the 14th.

The thorax only was opened. The aorta was found to be very much dilated, being about thrice its normal size at the origin of the brachio-cephalic vessels. Internally it was of a pale yellow colour, with a few raised patches, generally soft to the feel, there being few calcareous spots. Heart was enlarged, weighing 18 oz., its cavities much dilated, its consistence soft, and colour pale. Aortic valves were incompetent from calcareous deposit. The auriculo-ventricular valves were healthy. The walls of the pulmonary artery were uniformly yellow and soft.

Lungs cedematous, and deeply congested at the posterior parts.

CASE XI., J. McK., *Æt.* 65.—Female ; admitted 30th January, 1871, in a weak, emaciated, dirty, ill-conditioned, and demented state. She gradually became weaker until her death on 30th December, 1872.

Calvarium thicker on the left side. Near the posterior extremity of the sagittal suture were two depressions, one on either side, where the bone was thin and diaphanous ; they were found to correspond with a firm adhesion of the membranes to one another from former inflammation. The bones of skull were ossified together. There was about ten ounces of subarachnoid effusion ; the convolutions were shrivelled and the substance of the brain very firm. The ventricles were enlarged, and contained about three ounces of fluid.

Heart—Right side was dilated ; the walls of left side were slightly hypertrophied.

Lungs contained some cretaceous nodules, and in the right lung were numerous small cavities.